	Application No.	Applicant(s)
Notice of Allowability	10/068,335	CHANG ET AL.
	Examiner	Art Unit	
	Minh Dinh	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *examiner's amendment authorized on 2/27/06*.

2. ☒ The allowed claim(s) is/are *1-12*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some*   c)☐ None   of the:

    1. ☐ Certified copies of the priority documents have been received.

    2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a)☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1)☐ hereto or 2)☐ to Paper No./Mail Date _____ .

    (b)☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *12/06/2005* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

KAMBIZ ZAND
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with James Boice on 2/24/06.

The claims have been amended as follows:

1. (amended)   A process for accessing a non-Enterprise JavaBean (EJB) Common Object Broker
Request Architecture (CORBA) object method on a server, said process comprising:

receiving at the server a request from a requesting user for the non-EJB CORBA object
method;

redirecting said request to a shadow EJB object method of a shadow EJB object, said
shadow EJB object method being a complementary method to the non-EJB CORBA object
method, wherein the shadow EJB object [method] is incapable of performing any function other
than [accessing an EJB security system in response to a request for the shadow EJB object
method, thus] enabling [an] authorization for [a specific] the requesting user to access a non-EJB
CORBA object that contains the non-EJB CORBA object method; [and]

accessing an EJB security system in response to the request for the shadow EJB object
method;

verifying by [obtaining authorization from] the EJB security system [to access the non-
EJB CORBA object method based on an authorization for] if the [specific] requesting user is
authorized to access the shadow EJB object[.] method; and

allowing the requesting user to access the non-EJB CORBA object method if the

requesting user is authorized to access the shadow EJB object method.

3. (amended)   The process of claim 1, further comprising:

receiving an assigned user role for a requesting user of a client computer connected to the server;

storing said user role in the server;

generating a method-role mapping table to define an authorized role to access said [non-EJB CORBA] shadow EJB object method; and

comparing said assigned user role with said authorized role to determine if said requesting user is authorized to access said [non-EJB CORBA] shadow EJB object method.

4. (amended)   A computer system server for providing a non-Enterprise JavaBean (EJB)

Common Object Broker Request Architecture (CORBA) object method, said computer system

server comprising:

means for receiving at the computer system server a request from a requesting user for the non-EJB CORBA object method;

means for redirecting said request to a shadow EJB object method of a shadow EJB object, said shadow EJB object method being a complementary method to the non-EJB CORBA object method, wherein the shadow EJB object [method] is incapable of performing any function other than [accessing an EJB security system in response to a request for the shadow EJB object method, thus] enabling [an] authorization for [a specific] the requesting user to access a non-EJB CORBA object that contains the non-EJB CORBA object method; [and]

means for accessing an EJB security system in response to the request for the shadow EJB object method;

means for verifying by [obtaining authorization from] the EJB security system [to access the non-EJB CORBA object method based on an authorization for] if the [specific] requesting user is authorized to access the shadow EJB object[.] method; and

means for allowing the requesting user to access the non-EJB CORBA object method if the requesting user is authorized to access the shadow EJB object method.

6. (amended)   The computer system server of claim 4, further comprising:

means for receiving a user role for a requesting user of a client computer connected to the computer system server;

means for storing said user role in the computer system server;

means for generating a method-role mapping table to define an authorized role to access said [non-EJB CORBA] shadow EJB object method; and

means for comparing said user role with said authorized role to determine if said requesting user is authorized to access said [non-EJB CORBA] shadow EJB object method.

7. (amended)   A computer program product, residing on a [tangible] computer [usable] recordable medium, for accessing a non-Enterprise JavaBean (EJB) common Object Broker Request Architecture (CORBA) object method on a server, said computer program product comprising:

program code means for receiving at a server a request from a requesting user for a non-EJB CORBA object method;

program code means for redirecting said request to a shadow EJB object method of a shadow EJB object, said shadow EJB object [method] being a complementary method to the non-EJB CORBA object method, wherein the shadow EJB object method is incapable of performing any function other than [accessing an EJB security system in response to a request for the shadow EJB object method, thus] enabling an authorization for [a specific] the requesting user to access a non-EJB CORBA object that contains the non-EJB CORBA object method; [and]

program code means for accessing an EJB security system in response to the request for the shadow EJB object method;

program code means for verifying by [obtaining authorization from] the EJB security system [to access the non-EJB CORBA object method based on an authorization for] if the [specific] requesting user is authorized to access the shadow EJB object[.] method; and

program code means for allowing the requesting user to access the non-EJB CORBA object method if the requesting user is authorized to access the shadow EJB object method.

9. (amended)   The computer program product of claim 7, further comprising:

program code means for receiving an assigned user role for a requesting user of a client computer connected to the server;

program code means for storing said user role in the server;

program code means for generating a method-role mapping table to define an authorized role to access said [non-EJB CORBA] shadow EJB object method; and

program code means for comparing said assigned user role with said authorized role to determine if said requesting user is authorized to access said [non-EJB CORBA] shadow EJB object method.

2.   The following is an examiner's statement of reasons for allowance. The present invention is directed to a method for controlling a user's access to a non-Enterprise JavaBean (EJB) CORBA object method using a shadow EJB object method and EJB security mechanism. More specifically, independent claims 1, 4 and 7 identify the uniquely distinct features: the shadow EJB object method is used by the EJB security mechanism only to determine the user's access right to the shadow EJB object, and then the access right is used to indirectly determine the user's access right to the corresponding non-EJB CORBA object method. The closest prior art, Bodwell et al. (6,951,021), also discloses using a shadow EJB object method to control access to a non-EJB CORBA object method; however, Petersen's shadow EJB object method performs the security checking itself. The prior art, taken either singly or in combination, fails to anticipate or fairly suggest the limitations of applicant's independent claim, in such a manner that a rejection under 35 U.S.C 102 or 103 would be proper. The

claimed invention is therefore considered to be in condition for allowance as being novel

and nonobvious over prior art.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Minh Dinh whose telephone number is 571-272-3802.

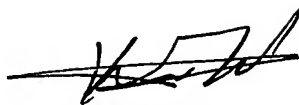The examiner can normally be reached on Mon-Fri: 10:00am-6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

MD

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3/01/06